

Seattle Permits

— part of a multi-departmental City of Seattle series on getting a permit

Calculating Areas and Fees for Temporary Use of the Right-of-Way

Effective February 24, 2010

I. Introduction

Construction on private property frequently requires temporary use of the right-of-way (ROW) for equipment, utility installations, material storage and other activities. When the ROW is temporarily used for these activities, the public's access to the ROW is restricted. This results in limitations on pedestrian, bus and traffic mobility.

SDOT's goal is to minimize these impacts to mobility within the right-of-way while still permitting necessary infrastructure improvements, utility construction and private development.

As a part of this strategy, SDOT charges for the temporary use of the ROW for purposes other than public use. These "use fees" increase based on the **amount of area** occupied, the **duration** the area impacts the public ROW and the **type of street** impacted.

The purpose of this Client Assistance Memo is to provide information on how use fees are calculated. This will assist you in planning your activities so that the ROW can be returned to public use as quickly as possible.

II. Fees/Service Charges

There are three main types of fees/service charges that may be incurred on a permit:

☐ Issuance Fee

An issuance fee of \$101 is charged for all permits to cover the cost of issuing the permit.

☐ Review/Inspection Fees

Review and Inspection time is charged at a rate of \$150 per hour. This includes Traffic Control Plan reviews and Field reviews which are charged in half hour increments.

☐ Use Fee

Use fees are calculated based on the amount of public ROW area occupied, the duration the area impacts the public ROW and the type of street impacted.

Use fees escalate in accordance with the fee schedule unless the ROW is completely unoccupied for 10 consecutive calendar days or more during the project.

III. How we calculate use fees

☐ Amount of Area

Use fees are calculated on any area of the ROW used as part of the project. The area is equal to the square footage restricted from public access due to temporary construction use.

Typically the area of use can be calculated as the length of the project by the width.

Areas affected by temporary construction may include:

- Sidewalks and/or planting strips within the ROW that cannot be used by the public because of construction-related activities.
- Parking lanes that are blocked with equipment or material and are unavailable for public use.
 - The entire lane width is used to calculate the use area.
- Drive lanes that are not open to the public because of traffic control.
 - Any area removed from the public's use of the ROW to create a safety zone must be kept free and clear of materials, vehicles, etc.

☐ Duration

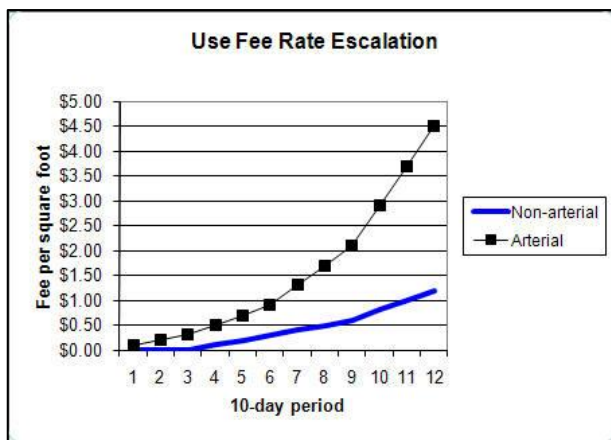
Use fees are calculated using the total number of calendar days the ROW is occupied by the project in 10-day increments.

□ Type of Street

The City of Seattle classifies streets as Arterial or Non-Arterial according to different levels of emphasis on traffic movement versus direct access to property.

- Arterial
 - Use fees begin accruing immediately upon start of use.
- Non-Arterial
 - Use fees begin accruing after the first 30 days of use.

The graph below shows the rate of fee escalation by street type in 10-day increments.



For more details about street types, and to determine the type of street you are occupying, refer to:

<http://www.seattle.gov/transportation/streetclassmaps.htm>

IV. How to minimize use fees

□ Working with Street Use staff

Street Use staff will work with you to minimize the impact to the ROW which, in turn, typically reduces your use fees.

You may bring your plans into the Street Use Counter and staff will review your proposed project use and help you determine the best use of the area that meets your needs, minimizes ROW impact and possibly reduces costs.

Some strategies to minimizing use fees include:

- Reducing amount of area used for temporary construction activities
 - If the project/work must impact the ROW, can it be mitigated?
 - Can a covered sidewalk be used?

- Can the impact be minimized to a single lane closure?
 - ♦ Keeping to only one lane closure – versus creeping into two
- Can the duration of the lane closure be shortened?
- Reducing the time ROW is impacted
- Overall
 - Reducing the overall amount of time you are in the ROW will reduce the overall cost of use fees
- Intermittent
 - During the course of the project you may be able to give ROW access back to the public for a period of time, not less than 10 consecutive calendar days, to reduce use fees. The District Inspector will verify.
 - ♦ ROW is completely unoccupied on all frontages for 10 consecutive calendar days or more on all frontages adjacent to the project:
 - Use fees are not applied during time row is not occupied
 - Use fees reset at the lowest rate
 - ♦ ROW is not completely unoccupied on all frontages adjacent to the project:
 - Use fees are not applied during the time period where the ROW is not occupied
 - Calculation of use fees pick up where they left off

For example:

If you were paying \$0.20 per square foot when you leave the ROW, your use fees will still be \$0.20 per square foot when you resume activities in the ROW (until such time that normal fee escalation occurs)

- Moving to a lower impact area
- If the ROW must be impacted you may be able to move the work to a lower impact area, such as:
 - Moving the work from an Arterial street to an alley or a Non-Arterial street

□ Working with your Inspector

You must work with your inspector if at any point you:

- Need to change an existing permitted area of use
 - If changes are made, the Permittee must obtain a revised Street Use permit with the correct area of use
- Plan to not use the ROW
 - If you plan to not use the ROW for any length of time, it needs to be verified and documented by the Street Use inspector in order to affect the calculation of your use fees.

The Street Use inspector may also periodically visit the site to verify the use area has not been substantially altered.

V. Projects with Street Improvements

If your project includes street improvements in the ROW, you will not be charged use fees while actively doing street improvement construction.

When the approved street improvement work includes removal of curb, sidewalk or pavement, the removal must occur **immediately** prior to the start of the street improvement work. If improvements do not occur immediately you will incur use fees for the period between removal and the start of construction of the street improvements.

Use fees will also be incurred under a separate Street Use permit when:

- Storing materials for purposes other than ROW construction at any time during the project including during construction of improvements
- Restricting access to any portion of the ROW when work on street improvements is stopped for 10 consecutive calendar days or more
- Locating equipment in the ROW for use other than activities directly related to street improvement construction
- Blocking parking lanes for construction vehicles

VI. Sample Site Plans and Example Use Fee Calculation Worksheets

SDOT Street Use provides a "Use Fee Estimation Worksheet" that can be used for estimating the use fees associated with your project. The worksheet is only intended to provide an estimation of the cost. Other fees may be applied such as fees for Inspections or Reviews.

Examples of illustrated site plans and completed Use Fee Estimation Worksheets are included in the following pages. They can be used as a guide for understanding how Use Fees are applied based on various scenarios.

Site Plan Template


Example A – Basic Use

Template Conditions

- *Same square footage
- *Same type of Street

Result

- *Use fees escalate according to the fee schedule

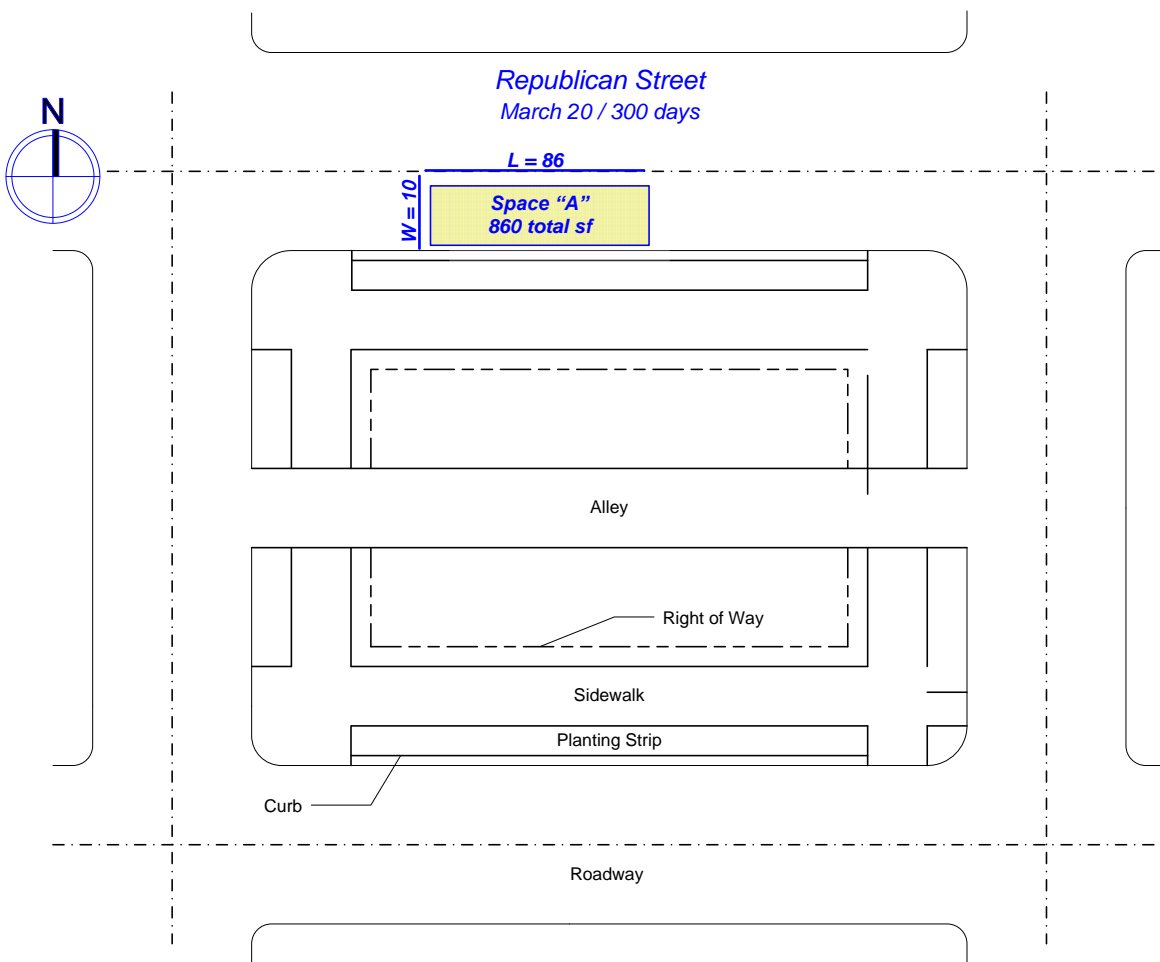


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STREET USE SITE PLAN TEMPLATE

EXAMPLE A



The diagram shows a street layout with Republican Street at the top, an Alley in the middle, and a Roadway at the bottom. A dashed line indicates the Right of Way. A yellow box labeled 'Space "A" 860 total sf' is located on Republican Street. Dimensions are given as L = 86 and W = 10. Other labels include Sidewalk, Planting Strip, and Curb. A north arrow is on the left.

Description of Use

| Space | A | B | C |
|----------------|----------------|-----|-----|
| Square Footage | 860 | n/a | n/a |
| Type of street | Arterial | n/a | n/a |
| Start Date | March 20, 2008 | n/a | n/a |
| Duration | 300 days | n/a | n/a |

****A scaled site plan is required if more than 3 separate spaces are needed for Use**

Use Fee Estimation Worksheet

Example A – Basic Use

Arterial

Section I: Determine area of use and 10-day periods for calculation of use fees

1) Determine Area of Use (Square Footage):

| | | | | | |
|-----------------------------|---|----------------------------|---|---|---------------------------------|
| 86 | x | 10 | = | a | 860 |
| <i>Length (Lineal feet)</i> | | <i>Width (Lineal feet)</i> | | | <i>Area/Square Footage (sf)</i> |

2) Determine number of "10-day periods" based on the duration of Project:

| | | | | | |
|-------------------------------|---------------|---|---|----------------------------------|--|
| 300 | divided by 10 | = | b | 30 | (round up to the nearest whole number) |
| <i>No. of days in project</i> | | | | <i>Total # of 10-day periods</i> | |

3) Calculate the estimated use fees:

If b is 12 or less: fill out Section II. If b is 13 or more: fill out Section III.

Section II: Use Fee Estimation (up to 12 periods)

| | | |
|---|---|--|
| find corresponding amount from b ↓ 1: \$0.10 x _____ (sf) = \$ _____ 2: \$0.20 x _____ (sf) = \$ _____ 3: \$0.30 x _____ (sf) = \$ _____ 4: \$0.50 x _____ (sf) = \$ _____ 5: \$0.70 x _____ (sf) = \$ _____ 6: \$0.90 x _____ (sf) = \$ _____ | ↓ | find corresponding amount from b ↓ 7: \$1.30 x _____ (sf) = \$ _____ 8: \$1.70 x _____ (sf) = \$ _____ 9: \$2.10 x _____ (sf) = \$ _____ 10: \$2.90 x _____ (sf) = \$ _____ 11: \$3.70 x _____ (sf) = \$ _____ 12: \$4.50 x _____ (sf) = \$ _____ |
|---|---|--|

Section III: Use Fee Estimation (if more than 12 periods)

1) Determine use fees for 1st 12 periods

| | | | | | |
|------------|---|--|---|---|-----------|
| 12: \$4.50 | x | 860 | = | c | \$3870.00 |
| | | <i>square footage from a</i> | | | |

2) Determine number of additional 10-day periods

| | | | | | | | |
|---|-------|-------|----|---|---|----|-----------------------------|
| Enter amount from b | _____ | minus | 12 | = | d | 18 | (additional 10-day periods) |
| | 30 | | | | | | |

3) Determine use fees for additional 10-day periods

| | | | | | | | | |
|---|-------|---|--------|---|--|---|---|------------|
| Enter amount from d | _____ | x | \$1.20 | x | 860 | = | e | \$18576.00 |
| | 18 | | | | <i>square footage from a</i> | | | |

| | | |
|---|----|------------|
| Use Fees for 1 st 12 periods | c | \$3870.00 |
| Use Fees for additional 10-day periods | e | \$18576.00 |
| Total | \$ | 22,446.00 |

Site Plan Template


Example B – Intermittent Use: Same Street Type

Template Conditions

- *Same square footage
- *Same type of street

Result

- *Use fees escalate according to the fee schedule
- *Use fees may reset at lowest rate if ROW is completely unoccupied for 10 or more days
 - must be verified by Street Use inspector
 - permittee responsible for obtaining verification



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STREET USE SITE PLAN TEMPLATE


EXAMPLE B

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March 20 / 30 days
April 19 / ROW unoccupied for 5 days
April 24 / 30 days
May 24 / ROW unoccupied for 12 days
June 5 / 20 days

Republican Street

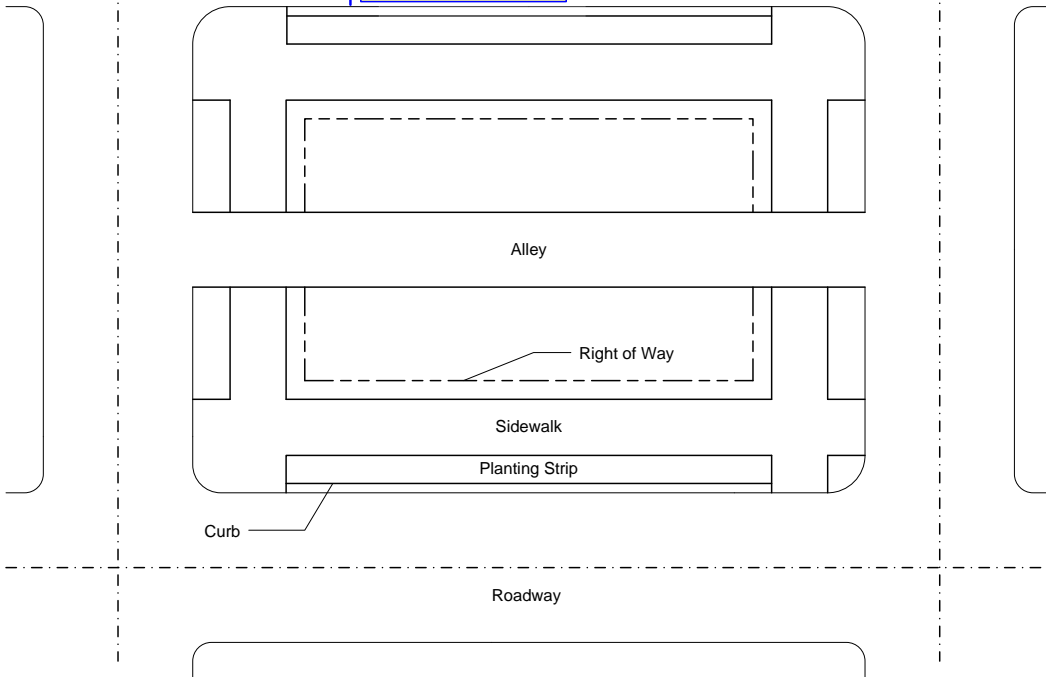
N



Space "A"
860 total sf

$L = 86$

$W = 10$



Description of Use

| Space | A | B | C |
|----------------|----------------|-----|-----|
| Square Footage | 860 | n/a | n/a |
| Type of street | Arterial | n/a | n/a |
| Start Date | March 20, 2008 | n/a | n/a |
| Duration | 30/30/20 days | n/a | n/a |

**A scaled site plan is required if more than 3 separate spaces are needed for Use

Use Fee Estimation Worksheet

Example B / Part 1 – Intermittent Use

Arterial

Section I: Determine area of use and 10-day periods for calculation of use fees

1) Determine Area of Use (Square Footage):

| | | | | | |
|-----------------------------|---|----------------------------|---|---|---------------------------------|
| 86 | x | 10 | = | a | 860 |
| <i>Length (Lineal feet)</i> | | <i>Width (Lineal feet)</i> | | | <i>Area/Square Footage (sf)</i> |

2) Determine number of "10-day periods" based on the duration of Project:

| | | | | | |
|-------------------------------|---------------|---|---|----------------------------------|--|
| 60 | divided by 10 | = | b | 6 | (round up to the nearest whole number) |
| <i>No. of days in project</i> | | | | <i>Total # of 10-day periods</i> | |

3) Calculate the estimated use fees:

If b is 12 or less: fill out Section II. If b is 13 or more: fill out Section III.

Section II: Use Fee Estimation (up to 12 periods)

find corresponding amount from b



| | | | | | | |
|-----------|---|-----|------|---|----|--------|
| 1: \$0.10 | x | | (sf) | = | \$ | |
| 2: \$0.20 | x | | (sf) | = | \$ | |
| 3: \$0.30 | x | | (sf) | = | \$ | |
| 4: \$0.50 | x | | (sf) | = | \$ | |
| 5: \$0.70 | x | | (sf) | = | \$ | |
| 6: \$0.90 | x | 860 | (sf) | = | \$ | 774.00 |

find corresponding amount from b



| | | | | | | |
|------------|---|--|------|---|----|--|
| 7: \$1.30 | x | | (sf) | = | \$ | |
| 8: \$1.70 | x | | (sf) | = | \$ | |
| 9: \$2.10 | x | | (sf) | = | \$ | |
| 10: \$2.90 | x | | (sf) | = | \$ | |
| 11: \$3.70 | x | | (sf) | = | \$ | |
| 12: \$4.50 | x | | (sf) | = | \$ | |

Section III: Use Fee Estimation (if more than 12 periods)

1) Determine use fees for 1st 12 periods

| | | | | | |
|------------|---|---|---|---|----|
| 12: \$4.50 | x | | = | c | \$ |
| | | <i>square footage from</i> | | | |
| | | a | | | |

2) Determine number of additional 10-day periods

| | | | | | | |
|---|--|-------|----|---|---|-----------------------------|
| Enter amount from b | | minus | 12 | = | d | (additional 10-day periods) |
|---|--|-------|----|---|---|-----------------------------|

3) Determine use fees for additional 10-day periods

| | | | | | | | |
|---|---|--------|---|---|---|---|----|
| Enter amount from d | x | \$1.20 | x | | = | e | \$ |
| | | | | <i>square footage from</i> | | | |
| | | | | a | | | |

| | | | |
|---|----|----|--|
| Use Fees for 1 st 12 periods | c | \$ | |
| Use Fees for additional 10-day periods | e | \$ | |
| Total | \$ | | |

Use fee Estimation Worksheet

Example B / Part 2 – Intermittent Use

Arterial

Section I: Determine area of use and 10-day periods for calculation of use fees

1) Determine Area of Use (Square Footage):

| | | | | | |
|-----------------------------|---|----------------------------|---|---|---------------------------------|
| 86 | x | 10 | = | a | 860 |
| <i>Length (Lineal feet)</i> | | <i>Width (Lineal feet)</i> | | | <i>Area/Square Footage (sf)</i> |

2) Determine number of "10-day periods" based on the duration of Project:

| | | | | | |
|-------------------------------|---------------|---|----------------------------------|---|--|
| 20 | divided by 10 | = | b | 2 | (round up to the nearest whole number) |
| <i>No. of days in project</i> | | | <i>Total # of 10-day periods</i> | | |

3) Calculate the estimated use fees:

If b is 12 or less: fill out Section II. If b is 13 or more: fill out Section III.

Section II: Use Fee Estimation (up to 12 periods)

find corresponding amount from b



| |
|--|
| 1: \$0.10 x _____ (sf) = \$ _____ |
| 2: \$0.20 x 860 (sf) = \$ 172.00 |
| 3: \$0.30 x _____ (sf) = \$ _____ |
| 4: \$0.50 x _____ (sf) = \$ _____ |
| 5: \$0.70 x _____ (sf) = \$ _____ |
| 6: \$0.90 x _____ (sf) = \$ _____ |

find corresponding amount from b



| |
|------------------------------------|
| 7: \$1.30 x _____ (sf) = \$ _____ |
| 8: \$1.70 x _____ (sf) = \$ _____ |
| 9: \$2.10 x _____ (sf) = \$ _____ |
| 10: \$2.90 x _____ (sf) = \$ _____ |
| 11: \$3.70 x _____ (sf) = \$ _____ |
| 12: \$4.50 x _____ (sf) = \$ _____ |

Section III: Use Fee Estimation (if more than 12 periods)

1) Determine use fees for 1st 12 periods

| | | | | | |
|------------|---|--|---|---|----------|
| 12: \$4.50 | x | _____ | = | c | \$ _____ |
| | | <i>square footage from a</i> | | | |

2) Determine number of additional 10-day periods

| | | | | | |
|---|-------|----------|---|---|------------------------------------|
| Enter amount from b | _____ | minus 12 | = | d | _____ |
| | | | | | <i>(additional 10-day periods)</i> |

3) Determine use fees for additional 10-day periods

| | | | | | | | |
|---|-------|----------|---|--|---|---|----------|
| Enter amount from d | _____ | x \$1.20 | x | _____ | = | e | \$ _____ |
| | | | | <i>square footage from a</i> | | | |

| | | |
|---|---|----------|
| Use Fees for 1 st 12 periods | c | \$ _____ |
| Use Fees for additional 10-day periods | e | \$ _____ |
| Total | | \$ _____ |

Site Plan Template

Example C – Shifting Use on Same Type of Street

Template Conditions

- *Same square footage
- *Same type of Street

Result

- *Use fees escalate according to the fee schedule
- *Use fees may reset at lowest rate
- same square footage continuously occupied

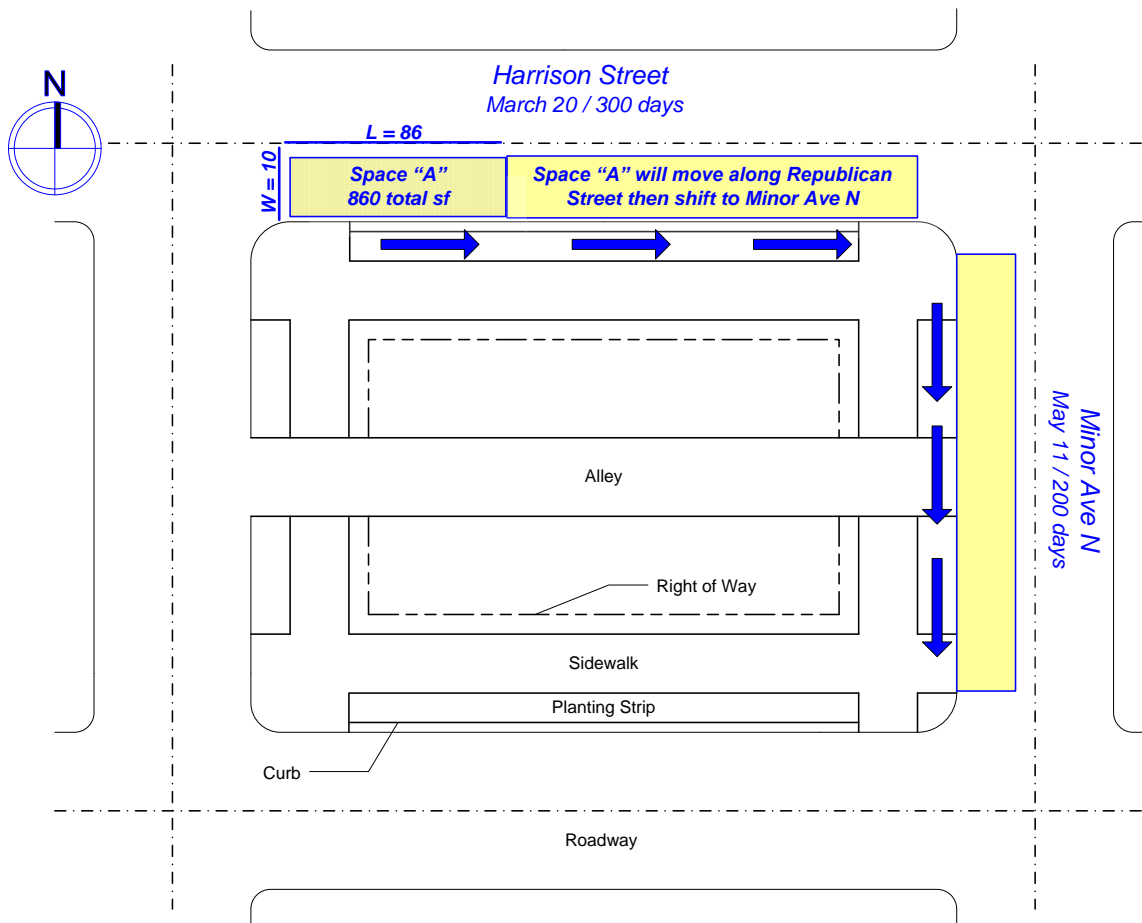


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STREET USE SITE PLAN TEMPLATE

EXAMPLE C



Description of Use

| Space | A | B | C |
|----------------|----------------|-----|-----|
| Square Footage | 860 | n/a | n/a |
| Type of street | Non-Arterial | n/a | n/a |
| Start Date | March 20, 2008 | n/a | n/a |
| Duration | 500 days | n/a | n/a |

**A scaled site plan is required if more than 3 separate spaces are needed for Use

Use Fee Estimation Worksheet

Example C – Shifting Use on Same Type of Street

Non-Arterial

Section I: Determine area of use and 10-day periods for calculation of use fees**1) Determine Area of Use (Square Footage):**

$$\frac{86}{\text{Length (Lineal feet)}} \times \frac{10}{\text{Width (Lineal feet)}} = \boxed{a} \quad \boxed{860} \text{ Area/Square Footage (sf)}$$

2) Determine number of "10-day periods" based on the duration of Project:

$$\frac{500}{\text{No. of days in project}} \text{ divided by } 10 = \boxed{b} \quad \boxed{50} \text{ (round up to the nearest whole number)}$$

Total # of 10-day periods

3) Calculate the estimated use fees:

If \boxed{b} is 27 or less: fill out Section II. If \boxed{b} is 28 or more: fill out Section III.

Section II: Use Fee Estimation (up to 27 periods)find corresponding amount from \boxed{b}

| | | | | | | | |
|-----|--------|---|--|------|---|----|--|
| 1: | \$0.00 | x | | (sf) | = | \$ | |
| 2: | \$0.00 | x | | (sf) | = | \$ | |
| 3: | \$0.00 | x | | (sf) | = | \$ | |
| 4: | \$0.10 | x | | (sf) | = | \$ | |
| 5: | \$0.20 | x | | (sf) | = | \$ | |
| 6: | \$0.30 | x | | (sf) | = | \$ | |
| 7: | \$0.40 | x | | (sf) | = | \$ | |
| 8: | \$0.50 | x | | (sf) | = | \$ | |
| 9: | \$0.60 | x | | (sf) | = | \$ | |
| 10: | \$0.80 | x | | (sf) | = | \$ | |
| 11: | \$1.00 | x | | (sf) | = | \$ | |
| 12: | \$1.20 | x | | (sf) | = | \$ | |
| 13: | \$1.40 | x | | (sf) | = | \$ | |
| 14: | \$1.60 | x | | (sf) | = | \$ | |

find corresponding amount from \boxed{b}

| | | | | | | | |
|-----|--------|---|--|------|---|----|--|
| 15: | \$1.80 | x | | (sf) | = | \$ | |
| 16: | \$2.20 | x | | (sf) | = | \$ | |
| 17: | \$2.60 | x | | (sf) | = | \$ | |
| 18: | \$3.00 | x | | (sf) | = | \$ | |
| 19: | \$3.40 | x | | (sf) | = | \$ | |
| 20: | \$3.80 | x | | (sf) | = | \$ | |
| 21: | \$4.20 | x | | (sf) | = | \$ | |
| 22: | \$5.00 | x | | (sf) | = | \$ | |
| 23: | \$5.80 | x | | (sf) | = | \$ | |
| 24: | \$6.60 | x | | (sf) | = | \$ | |
| 25: | \$7.40 | x | | (sf) | = | \$ | |
| 26: | \$8.20 | x | | (sf) | = | \$ | |
| 27: | \$9.00 | x | | (sf) | = | \$ | |

Section III: Use Fee Estimation (if more than 27 periods)**1) Determine use fees for 1st 27 periods**

$$27: \$9.00 \times \frac{860}{\text{square footage from } \boxed{a}} = \boxed{c} \quad \boxed{\$7740.00}$$

2) Determine number of additional 10-day periods

$$\text{Enter amount from } \boxed{b} \quad \boxed{50} \text{ minus } 27 = \boxed{d} \quad \boxed{23} \text{ (additional 10-day periods)}$$

3) Determine use fees for additional 10-day periods

$$\text{Enter amount from } \boxed{d} \quad \boxed{23} \times \$1.20 \times \frac{860}{\text{square footage from } \boxed{a}} = \boxed{e} \quad \boxed{\$23736.00}$$

| | | |
|---|-------------|--|
| Use Fees for 1 st 27 periods | \boxed{c} | $\boxed{\$7740.00}$ |
| Use Fees for additional 10-day periods | \boxed{e} | $\boxed{\$23736.00}$ |
| Total | | $\boxed{\\$31,476.00}$ |

Site Plan Template

Example D— Intermittent Use: Shifting between Different Street Types

Template Conditions

- *Two separate spaces identified
- same square footage for each space
- *Type of street changes

Result

- *Use fees escalate according to the fee schedule for each separate space
- *For each separate space, use fees are applied only for the time ROW is occupied
- *Use fees do not reset at lowest rate
- calculation picks up where they left off

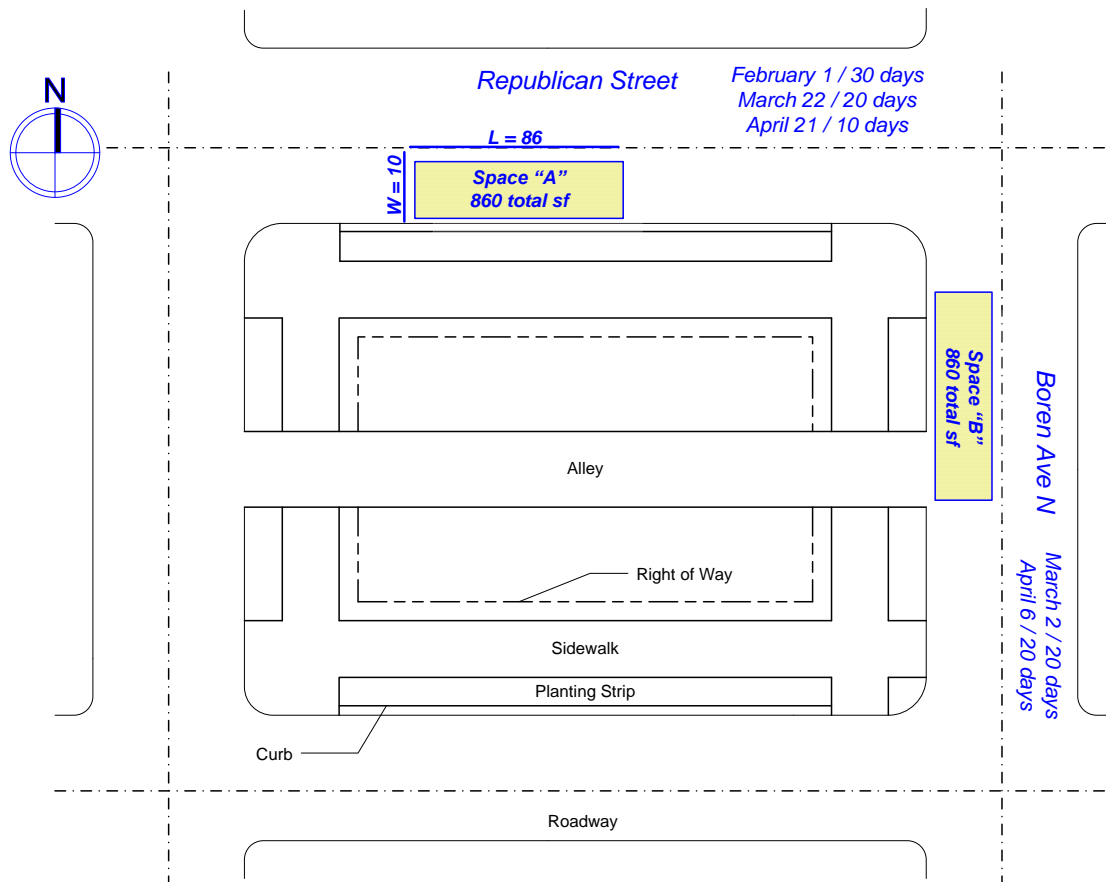


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STREET USE SITE PLAN TEMPLATE

EXAMPLE D

PERMIT NUMBER _____



Description of Use

| Space | A | B | C |
|----------------|------------------|---------------|-----|
| Square Footage | 860 | 860 | n/a |
| Type of street | Arterial | Non-Arterial | n/a |
| Start Date | February 1, 2008 | March 2, 2008 | n/a |
| Duration | 60 days | 40 days | n/a |

****A scaled site plan is required if more than 3 separate spaces are needed for Use**

Use Fee Estimation Worksheet

Example D - Shifting Use between Different Street Types

Arterial

Section I: Determine area of use and 10-day periods for calculation of use fees

1) Determine Area of Use (Square Footage):

| | | | | | |
|-----------------------------|---|----------------------------|---|---|---------------------------------|
| <u>86</u> | x | <u>10</u> | = | a | 860 |
| <i>Length (Lineal feet)</i> | | <i>Width (Lineal feet)</i> | | | <i>Area/Square Footage (sf)</i> |

2) Determine number of "10-day periods" based on the duration of Project:

| | | | | | |
|-------------------------------|---------------|---|----------------------------------|---|--|
| <u>60</u> | divided by 10 | = | b | 6 | (round up to the nearest whole number) |
| <i>No. of days in project</i> | | | <i>Total # of 10-day periods</i> | | |

3) Calculate the estimated use fees:

If b is 12 or less: fill out Section II. If b is 13 or more: fill out Section III.

Section II: Use Fee Estimation (up to 12 periods)

find corresponding amount from b

↓

| | | | | | | |
|-----------|---|-----|------|---|----|--------|
| 1: \$0.10 | x | | (sf) | = | \$ | |
| 2: \$0.20 | x | | (sf) | = | \$ | |
| 3: \$0.30 | x | | (sf) | = | \$ | |
| 4: \$0.50 | x | | (sf) | = | \$ | |
| 5: \$0.70 | x | | (sf) | = | \$ | |
| 6: \$0.90 | x | 860 | (sf) | = | \$ | 774.00 |

find corresponding amount from b

↓

| | | | | | | |
|------------|---|--|------|---|----|--|
| 7: \$1.30 | x | | (sf) | = | \$ | |
| 8: \$1.70 | x | | (sf) | = | \$ | |
| 9: \$2.10 | x | | (sf) | = | \$ | |
| 10: \$2.90 | x | | (sf) | = | \$ | |
| 11: \$3.70 | x | | (sf) | = | \$ | |
| 12: \$4.50 | x | | (sf) | = | \$ | |

Section III: Use Fee Estimation (if more than 12 periods)

1) Determine use fees for 1st 12 periods

| | | | | | | |
|------------|---|-----------------------------|---|---|----|---|
| 12: \$4.50 | x | <u> </u> | = | c | \$ | <u> </u> |
| | | <i>square footage from</i> | | | | a |

2) Determine number of additional 10-day periods

| | | | | | |
|---|-------|----|---|---|------------------------------------|
| Enter amount from b | minus | 12 | = | d | <u> </u> |
| | | | | | <i>(additional 10-day periods)</i> |

3) Determine use fees for additional 10-day periods

| | | | | | | | | |
|---|---|--------|---|-----------------------------|---|---|----|---|
| Enter amount from d | x | \$1.20 | x | <u> </u> | = | e | \$ | <u> </u> |
| | | | | <i>square footage from</i> | | | | a |

| | | | |
|---|----|-----------------------------|-----------------------------|
| Use Fees for 1 st 12 periods | c | \$ | <u> </u> |
| Use Fees for additional 10-day periods | e | \$ | <u> </u> |
| Total | \$ | <u> </u> | <u> </u> |

Use Fee Estimation Worksheet

Example D - Shifting Use between Different Street Types

Non- Arterial

Section I: Determine area of use and 10-day periods for calculation of use fees

1) Determine Area of Use (Square Footage):

| | | | | | |
|-----------------------------|---|----------------------------|---|---|---------------------------------|
| 86 | x | 10 | = | a | 860 |
| <i>Length (Lineal feet)</i> | | <i>Width (Lineal feet)</i> | | | <i>Area/Square Footage (sf)</i> |

2) Determine number of "10-day periods" based on the duration of Project:

| | | | | | |
|-------------------------------|---------------|---|---|----------------------------------|--|
| 40 | divided by 10 | = | b | 4 | (round up to the nearest whole number) |
| <i>No. of days in project</i> | | | | <i>Total # of 10-day periods</i> | |

3) Calculate the estimated use fees:

If b is 27 or less: fill out Section II. If b is 28 or more: fill out Section III.

Section II: Use Fee Estimation (up to 27 periods)

find corresponding amount from b

↓

| | | | | | | | |
|-----|--------|---|-----|------|---|----|-------|
| 1: | \$0.00 | x | | (sf) | = | \$ | |
| 2: | \$0.00 | x | | (sf) | = | \$ | |
| 3: | \$0.00 | x | | (sf) | = | \$ | |
| 4: | \$0.10 | x | 860 | (sf) | = | \$ | 86.00 |
| 5: | \$0.20 | x | | (sf) | = | \$ | |
| 6: | \$0.30 | x | | (sf) | = | \$ | |
| 7: | \$0.40 | x | | (sf) | = | \$ | |
| 8: | \$0.50 | x | | (sf) | = | \$ | |
| 9: | \$0.60 | x | | (sf) | = | \$ | |
| 10: | \$0.80 | x | | (sf) | = | \$ | |
| 11: | \$1.00 | x | | (sf) | = | \$ | |
| 12: | \$1.20 | x | | (sf) | = | \$ | |
| 13: | \$1.40 | x | | (sf) | = | \$ | |
| 14: | \$1.60 | x | | (sf) | = | \$ | |

find corresponding amount from b

↓

| | | | | | | | |
|-----|--------|---|--|------|---|----|--|
| 15: | \$1.80 | x | | (sf) | = | \$ | |
| 16: | \$2.20 | x | | (sf) | = | \$ | |
| 17: | \$2.60 | x | | (sf) | = | \$ | |
| 18: | \$3.00 | x | | (sf) | = | \$ | |
| 19: | \$3.40 | x | | (sf) | = | \$ | |
| 20: | \$3.80 | x | | (sf) | = | \$ | |
| 21: | \$4.20 | x | | (sf) | = | \$ | |
| 22: | \$5.00 | x | | (sf) | = | \$ | |
| 23: | \$5.80 | x | | (sf) | = | \$ | |
| 24: | \$6.60 | x | | (sf) | = | \$ | |
| 25: | \$7.40 | x | | (sf) | = | \$ | |
| 26: | \$8.20 | x | | (sf) | = | \$ | |
| 27: | \$9.00 | x | | (sf) | = | \$ | |

Section III: Use Fee Estimation (if more than 27 periods)

1) Determine use fees for 1st 27 periods

| | | | | | |
|------------|---|----------------------------|---|---|----|
| 27: \$9.00 | x | _____ | = | c | \$ |
| | | <i>square footage from</i> | | a | |

2) Determine number of additional 10-day periods

| | | | | | | |
|---|-------|-------|----|---|---|------------------------------------|
| Enter amount from b | _____ | minus | 27 | = | d | _____ |
| | | | | | | <i>(additional 10-day periods)</i> |

3) Determine use fees for additional 10-day periods

| | | | | | | | | |
|---|-------|---|--------|---|----------------------------|---|---|----|
| Enter amount from d | _____ | x | \$1.20 | x | _____ | = | e | \$ |
| | | | | | <i>square footage from</i> | | a | |

| | | |
|---|----|----|
| Use Fees for 1 st 27 periods | c | \$ |
| Use Fees for additional 10-day periods | e | \$ |
| Total | \$ | |

Site Plan Template


Example E – Variable Size, Start Dates and Durations

Template Conditions

- * Variable square footage
- * Same type of street
- * Staggered start dates with variable durations

Result

- * Use fees escalate according to the fee schedule for each separate space
- * Use fee starts at lowest rate for each additional separate space identified



Seattle Department of Transportation
 700 Fifth Avenue | Suite 2300 | PO Box 34996 | Seattle, Washington 98124-4996

PERMIT NUMBER _____

STREET USE SITE PLAN TEMPLATE

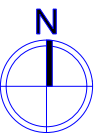
EXAMPLE E

Harrison Street

March 20 / 90 days April 15 / 60 days May 14 / 20 days

L = 10 W = 10 x L = 20 W = 10 x L = 5

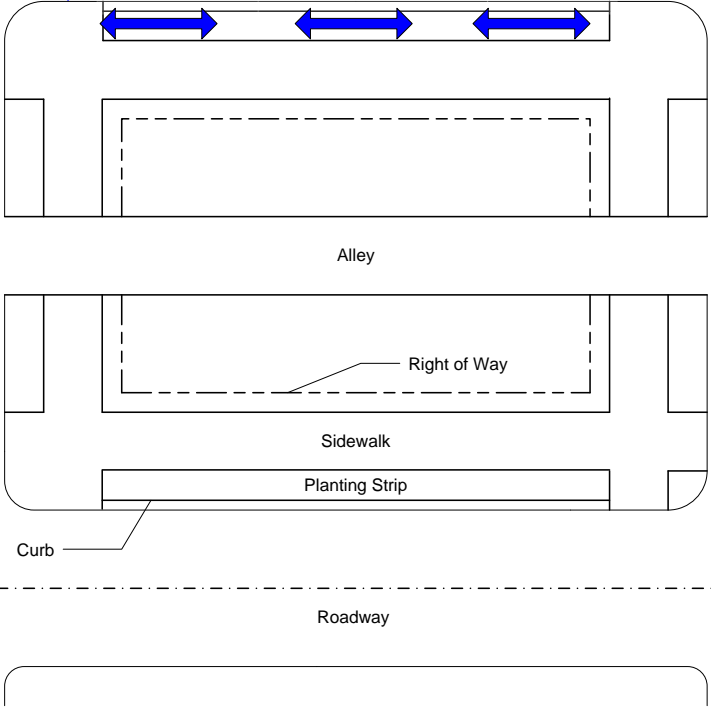
N



Space "A"
100 total sf

Space "B"
200 total sf

Space "C"
50 total sf



Alley

Right of Way

Sidewalk

Planting Strip

Curb

Roadway

Description of Use

| Space | A | B | C |
|----------------|----------------|----------------|--------------|
| Square Footage | 100 | 200 | 50 |
| Type of street | Non-Arterial | Non-Arterial | Non-Arterial |
| Start Date | March 20, 2008 | April 15, 2008 | May 14, 2008 |
| Duration | 90 days | 60 days | 20 days |

****A scaled site plan is required if more than 3 separate spaces are needed for Use**

Use Fee Estimation Worksheet

Example E – Variable Size, Start Dates and Durations

Non-Arterial / Space A

Section I: Determine area of use and 10-day periods for calculation of use fees

1) Determine Area of Use (Square Footage):

$$\frac{10}{\text{Length (Lineal feet)}} \times \frac{10}{\text{Width (Lineal feet)}} = \boxed{a} \quad \boxed{100} \text{ Area/Square Footage (sf)}$$

2) Determine number of "10-day periods" based on the duration of Project:

$$\frac{90}{\text{No. of days in project}} \text{ divided by } 10 = \boxed{b} \quad \boxed{9} \text{ Total \# of 10-day periods (round up to the nearest whole number)}$$

3) Calculate the estimated use fees:

If \boxed{b} is 27 or less: fill out Section II. If \boxed{b} is 28 or more: fill out Section III.

Section II: Use Fee Estimation (up to 27 periods)

find corresponding amount from \boxed{b}



| | | | | | | | |
|-----|--------|---|-----|------|---|----|-------|
| 1: | \$0.00 | x | | (sf) | = | \$ | |
| 2: | \$0.00 | x | | (sf) | = | \$ | |
| 3: | \$0.00 | x | | (sf) | = | \$ | |
| 4: | \$0.10 | x | | (sf) | = | \$ | |
| 5: | \$0.20 | x | | (sf) | = | \$ | |
| 6: | \$0.30 | x | | (sf) | = | \$ | |
| 7: | \$0.40 | x | | (sf) | = | \$ | |
| 8: | \$0.50 | x | | (sf) | = | \$ | |
| 9: | \$0.60 | x | 100 | (sf) | = | \$ | 60.00 |
| 10: | \$0.80 | x | | (sf) | = | \$ | |
| 11: | \$1.00 | x | | (sf) | = | \$ | |
| 12: | \$1.20 | x | | (sf) | = | \$ | |
| 13: | \$1.40 | x | | (sf) | = | \$ | |
| 14: | \$1.60 | x | | (sf) | = | \$ | |

find corresponding amount from \boxed{b}



| | | | | | | | |
|-----|--------|---|--|------|---|----|--|
| 15: | \$1.80 | x | | (sf) | = | \$ | |
| 16: | \$2.20 | x | | (sf) | = | \$ | |
| 17: | \$2.60 | x | | (sf) | = | \$ | |
| 18: | \$3.00 | x | | (sf) | = | \$ | |
| 19: | \$3.40 | x | | (sf) | = | \$ | |
| 20: | \$3.80 | x | | (sf) | = | \$ | |
| 21: | \$4.20 | x | | (sf) | = | \$ | |
| 22: | \$5.00 | x | | (sf) | = | \$ | |
| 23: | \$5.80 | x | | (sf) | = | \$ | |
| 24: | \$6.60 | x | | (sf) | = | \$ | |
| 25: | \$7.40 | x | | (sf) | = | \$ | |
| 26: | \$8.20 | x | | (sf) | = | \$ | |
| 27: | \$9.00 | x | | (sf) | = | \$ | |

Section III: Use Fee Estimation (if more than 27 periods)

1) Determine use fees for 1st 27 periods

$$27: \$9.00 \times \text{square footage from } \boxed{a} = \boxed{c} \quad \$$$

2) Determine number of additional 10-day periods

$$\text{Enter amount from } \boxed{b} \text{ minus } 27 = \boxed{d} \text{ (additional 10-day periods)}$$

3) Determine use fees for additional 10-day periods

$$\text{Enter amount from } \boxed{d} \times \$1.20 \times \text{square footage from } \boxed{a} = \boxed{e} \quad \$$$

| | | |
|---|-------------|----|
| Use Fees for 1 st 27 periods | \boxed{c} | \$ |
| Use Fees for additional 10-day periods | \boxed{e} | \$ |
| Total | | \$ |

Use Fee Estimation Worksheet

Example E – Variable Size, Start Dates and Durations

Non-Arterial / Space B

Section I: Determine area of use and 10-day periods for calculation of use fees

1) Determine Area of Use (Square Footage):

$$\begin{array}{ccccccc} \underline{20} & & \times & & \underline{10} & = & \boxed{a} \quad \underline{200} \\ \text{Length (Lineal feet)} & & & & \text{Width (Lineal feet)} & & \text{Area/Square Footage (sf)} \end{array}$$

2) Determine number of "10-day periods" based on the duration of Project:

$$\begin{array}{ccccccc} \underline{60} & & \text{divided by } 10 & = & \boxed{b} \quad \underline{6} & & \text{(round up to the nearest whole number)} \\ \text{No. of days in project} & & & & \text{Total \# of 10-day periods} & & \end{array}$$

3) Calculate the estimated use fees:

If \boxed{b} is 27 or less: fill out Section II. If \boxed{b} is 28 or more: fill out Section III.

Section II: Use Fee Estimation (up to 27 periods)

find corresponding amount from \boxed{b}
↓

| | | | | | | | |
|-----|--------|---|-----|------|---|----|-------|
| 1: | \$0.00 | x | | (sf) | = | \$ | |
| 2: | \$0.00 | x | | (sf) | = | \$ | |
| 3: | \$0.00 | x | | (sf) | = | \$ | |
| 4: | \$0.10 | x | | (sf) | = | \$ | |
| 5: | \$0.20 | x | | (sf) | = | \$ | |
| 6: | \$0.30 | x | 200 | (sf) | = | \$ | 60.00 |
| 7: | \$0.40 | x | | (sf) | = | \$ | |
| 8: | \$0.50 | x | | (sf) | = | \$ | |
| 9: | \$0.60 | x | | (sf) | = | \$ | |
| 10: | \$0.80 | x | | (sf) | = | \$ | |
| 11: | \$1.00 | x | | (sf) | = | \$ | |
| 12: | \$1.20 | x | | (sf) | = | \$ | |
| 13: | \$1.40 | x | | (sf) | = | \$ | |
| 14: | \$1.60 | x | | (sf) | = | \$ | |

find corresponding amount from \boxed{b}
↓

| | | | | | | | |
|-----|--------|---|--|------|---|----|--|
| 15: | \$1.80 | x | | (sf) | = | \$ | |
| 16: | \$2.20 | x | | (sf) | = | \$ | |
| 17: | \$2.60 | x | | (sf) | = | \$ | |
| 18: | \$3.00 | x | | (sf) | = | \$ | |
| 19: | \$3.40 | x | | (sf) | = | \$ | |
| 20: | \$3.80 | x | | (sf) | = | \$ | |
| 21: | \$4.20 | x | | (sf) | = | \$ | |
| 22: | \$5.00 | x | | (sf) | = | \$ | |
| 23: | \$5.80 | x | | (sf) | = | \$ | |
| 24: | \$6.60 | x | | (sf) | = | \$ | |
| 25: | \$7.40 | x | | (sf) | = | \$ | |
| 26: | \$8.20 | x | | (sf) | = | \$ | |
| 27: | \$9.00 | x | | (sf) | = | \$ | |

Section III: Use Fee Estimation (if more than 27 periods)

1) Determine use fees for 1st 27 periods

$$27: \$9.00 \times \underline{\hspace{2cm}} = \boxed{c} \quad \$ \underline{\hspace{2cm}}$$

square footage from \boxed{a}

2) Determine number of additional 10-day periods

$$\text{Enter amount from } \boxed{b} \quad \text{minus } 27 = \boxed{d} \quad \underline{\hspace{2cm}}$$

(additional 10-day periods)

3) Determine use fees for additional 10-day periods

$$\text{Enter amount from } \boxed{d} \quad \times \$1.20 \times \underline{\hspace{2cm}} = \boxed{e} \quad \$ \underline{\hspace{2cm}}$$

square footage from \boxed{a}

| | | |
|---|-------------|----|
| Use Fees for 1 st 27 periods | \boxed{c} | \$ |
| Use Fees for additional 10-day periods | \boxed{e} | \$ |
| Total | | \$ |

Use Fee Estimation Worksheet

Example E – Variable Size, Start Dates and Durations

Non-Arterial / Space C

Section I: Determine area of use and 10-day periods for calculation of use fees

1) Determine Area of Use (Square Footage):

$$\begin{array}{c} \underline{\quad 5 \quad} \\ \text{Length (Lineal feet)} \end{array} \times \begin{array}{c} \underline{\quad 10 \quad} \\ \text{Width (Lineal feet)} \end{array} = \begin{array}{|c|c|} \hline \text{a} & \underline{\quad 50 \quad} \\ \hline \end{array} \quad \text{Area/Square Footage (sf)}$$

2) Determine number of "10-day periods" based on the duration of Project:

$$\begin{array}{c} \underline{\quad 20 \quad} \\ \text{No. of days in project} \end{array} \text{ divided by } 10 = \begin{array}{|c|c|} \hline \text{b} & \underline{\quad 2 \quad} \\ \hline \end{array} \quad (\text{round up to the nearest whole number})$$

Total # of 10-day periods

3) Calculate the estimated use fees:

If b is 27 or less: fill out Section II. If b is 28 or more: fill out Section III.

Section II: Use Fee Estimation (up to 27 periods)

find corresponding amount from b



| | | | | | | | |
|-----|--------|---|----|------|---|----|------|
| 1: | \$0.00 | x | | (sf) | = | \$ | |
| 2: | \$0.00 | x | 50 | (sf) | = | \$ | 0.00 |
| 3: | \$0.00 | x | | (sf) | = | \$ | |
| 4: | \$0.10 | x | | (sf) | = | \$ | |
| 5: | \$0.20 | x | | (sf) | = | \$ | |
| 6: | \$0.30 | x | | (sf) | = | \$ | |
| 7: | \$0.40 | x | | (sf) | = | \$ | |
| 8: | \$0.50 | x | | (sf) | = | \$ | |
| 9: | \$0.60 | x | | (sf) | = | \$ | |
| 10: | \$0.80 | x | | (sf) | = | \$ | |
| 11: | \$1.00 | x | | (sf) | = | \$ | |
| 12: | \$1.20 | x | | (sf) | = | \$ | |
| 13: | \$1.40 | x | | (sf) | = | \$ | |
| 14: | \$1.60 | x | | (sf) | = | \$ | |

find corresponding amount from b



| | | | | | | | |
|-----|--------|---|--|------|---|----|--|
| 15: | \$1.80 | x | | (sf) | = | \$ | |
| 16: | \$2.20 | x | | (sf) | = | \$ | |
| 17: | \$2.60 | x | | (sf) | = | \$ | |
| 18: | \$3.00 | x | | (sf) | = | \$ | |
| 19: | \$3.40 | x | | (sf) | = | \$ | |
| 20: | \$3.80 | x | | (sf) | = | \$ | |
| 21: | \$4.20 | x | | (sf) | = | \$ | |
| 22: | \$5.00 | x | | (sf) | = | \$ | |
| 23: | \$5.80 | x | | (sf) | = | \$ | |
| 24: | \$6.60 | x | | (sf) | = | \$ | |
| 25: | \$7.40 | x | | (sf) | = | \$ | |
| 26: | \$8.20 | x | | (sf) | = | \$ | |
| 27: | \$9.00 | x | | (sf) | = | \$ | |

Section III: Use Fee Estimation (if more than 27 periods)

1) Determine use fees for 1st 27 periods

$$27: \$9.00 \times \underline{\hspace{2cm}} = \begin{array}{|c|c|} \hline \text{c} & \$ \\ \hline \end{array}$$

square footage from a

2) Determine number of additional 10-day periods

$$\text{Enter amount from } \begin{array}{|c|c|} \hline \text{b} & \\ \hline \end{array} \text{ minus } 27 = \begin{array}{|c|c|} \hline \text{d} & \\ \hline \end{array}$$

(additional 10-day periods)

3) Determine use fees for additional 10-day periods

$$\text{Enter amount from } \begin{array}{|c|c|} \hline \text{d} & \\ \hline \end{array} \times \$1.20 \times \underline{\hspace{2cm}} = \begin{array}{|c|c|} \hline \text{e} & \$ \\ \hline \end{array}$$

square footage from a

| | | |
|---|---|---|
| Use Fees for 1 st 27 periods | + | <div style="border: 1px solid black; display: inline-block; padding: 2px;"> <div style="border: 1px solid black; display: inline-block; padding: 2px;">c</div> <div style="border: 1px solid black; display: inline-block; padding: 2px;">\$</div> </div> |
| Use Fees for additional 10-day periods | + | <div style="border: 1px solid black; display: inline-block; padding: 2px;"> <div style="border: 1px solid black; display: inline-block; padding: 2px;">e</div> <div style="border: 1px solid black; display: inline-block; padding: 2px;">\$</div> </div> |
| Total | | <div style="border: 1px solid black; display: inline-block; padding: 2px;"> <div style="border: 1px solid black; display: inline-block; padding: 2px;"></div> <div style="border: 1px solid black; display: inline-block; padding: 2px;">\$</div> </div> |